

Listing of Claims:

1. (Currently amended) An encapsulated stator assembly, comprising:
 - a plurality of like laminations stacked in registration with one another, each said lamination contacting at least one adjacent lamination, but said laminations not integrally connected in any way to any other lamination; ~~and~~
 - a single covering layer partially enclosing and maintaining in registration said plurality of like laminations; and
 - at least one stand-off post extending from said layer, wherein said at least one stand-off post includes a deflectable head receivable in an appropriate receptacle.
2. (Currently amended) The assembly according to claim 1, wherein each said lamination comprises a stamping, said stamping having an inner diameter with ~~at least one~~ two alignment ~~feature~~ features, and a plurality of teeth extending radially outwardly from said stamping.
3. (Original) The assembly according to claim 2, wherein said layer comprises at least one collar axially extending therefrom and proximally aligned with said inner diameter.
4. (Original) The assembly according to claim 3, further comprising:
 - a radial transition between said collar and said layer, said radial transition facing away from said inner diameter.
5. (Currently amended) The assembly according to claim ~~3~~ 1 ~~further comprising:~~
 - at least one stand-off post extending from said collar 1, wherein said deflectable head has a tapered shoulder that extends to an annular rib that forms a groove, said tapered shoulder and said annular rib having a slot therethrough to allow inward compression of said shoulder and said rib when inserted into said appropriate receptacle that fits into said groove.

6. (Original) The assembly according to claim 2 wherein said layer comprises a creepage wall extending from an outer periphery of said layer.
7. (Original) The assembly according to claim 6 wherein each of said plurality of teeth has an edge projection that collectively form an outer diameter with gaps disposed therebetween and wherein said outer diameter is substantially flush with said creepage wall.
8. (Original) The assembly according to claim 6, wherein said layer further comprises a tooth nub extending axially from said creepage wall at each said edge projection.
9. (Original) The assembly according to claim 8 wherein each of said plurality of teeth has an edge projection that collectively form an outer diameter, and wherein said tooth nubs project radially inwardly to expose a surface of the lamination that is at the end of said lamination stack.
10. (Cancelled)
11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)

18. (New) An encapsulated stator assembly, comprising:

a plurality of like laminations stacked in registration with one another, each said lamination contacting at least one adjacent lamination, but said laminations not integrally connected in any way to any other lamination;

a single covering layer partially enclosing and maintaining in registration said plurality of like laminations, wherein each said lamination comprises a stamping, said stamping having an inner diameter with at least one alignment feature, and a plurality of teeth extending radially outwardly from said stamping, and wherein said layer comprises at least one collar axially extending therefrom and proximally aligned with said inner diameter; and

a plurality of windings wrapped around said single covering layer, said plurality of windings extending no higher than the height of said collar.

19. (New) The assembly according to claim 8, further comprising:

a radial transition between said collar and said layer, said radial transition facing away from said inner diameter.

20. (New) The assembly according to claim 18, further comprising at least one stand-off post that includes a deflectable head receivable in an appropriate receptacle.

21. (New) A high voltage encapsulated stator assembly, comprising:

a plurality of like laminations stacked in registration with one another, each said lamination contacting at least one adjacent lamination, but said laminations not integrally connected in any way to any other lamination, wherein each said lamination comprises a stamping, said stamping having an inner diameter with at least one alignment feature, and a plurality of teeth extending radially outwardly from said stamping, and wherein each of said plurality of teeth has an edge projection that collectively form an outer diameter with gaps disposed therebetween; and

a single covering layer partially enclosing and maintaining in registration said plurality of like laminations, wherein said layer comprises a creepage wall extending

axially only from an outer periphery of said layer at said edge projections but not into said gaps.

22. (New) The assembly according to claim 21, wherein said layer comprises at least one collar axially extending therefrom and proximally aligned with said inner diameter.
23. (New) The assembly according to claim 21 and wherein each of said plurality of teeth has an edge projection that collectively form an outer diameter with gaps disposed therebetween and wherein said outer diameter is substantially flush with said creepage wall.
24. (New) The assembly according to claim 21, wherein said layer further comprises a tooth nub extending axially from said creepage wall at each said edge projection, and wherein said tooth nubs project radially inwardly to expose a surface of the lamination that is at the end of said lamination stack.
25. (New) The assembly according to claim 21, wherein said layer has a material thickness of at least .015 inches and a voltage breakdown value of at least 1800 volts.